

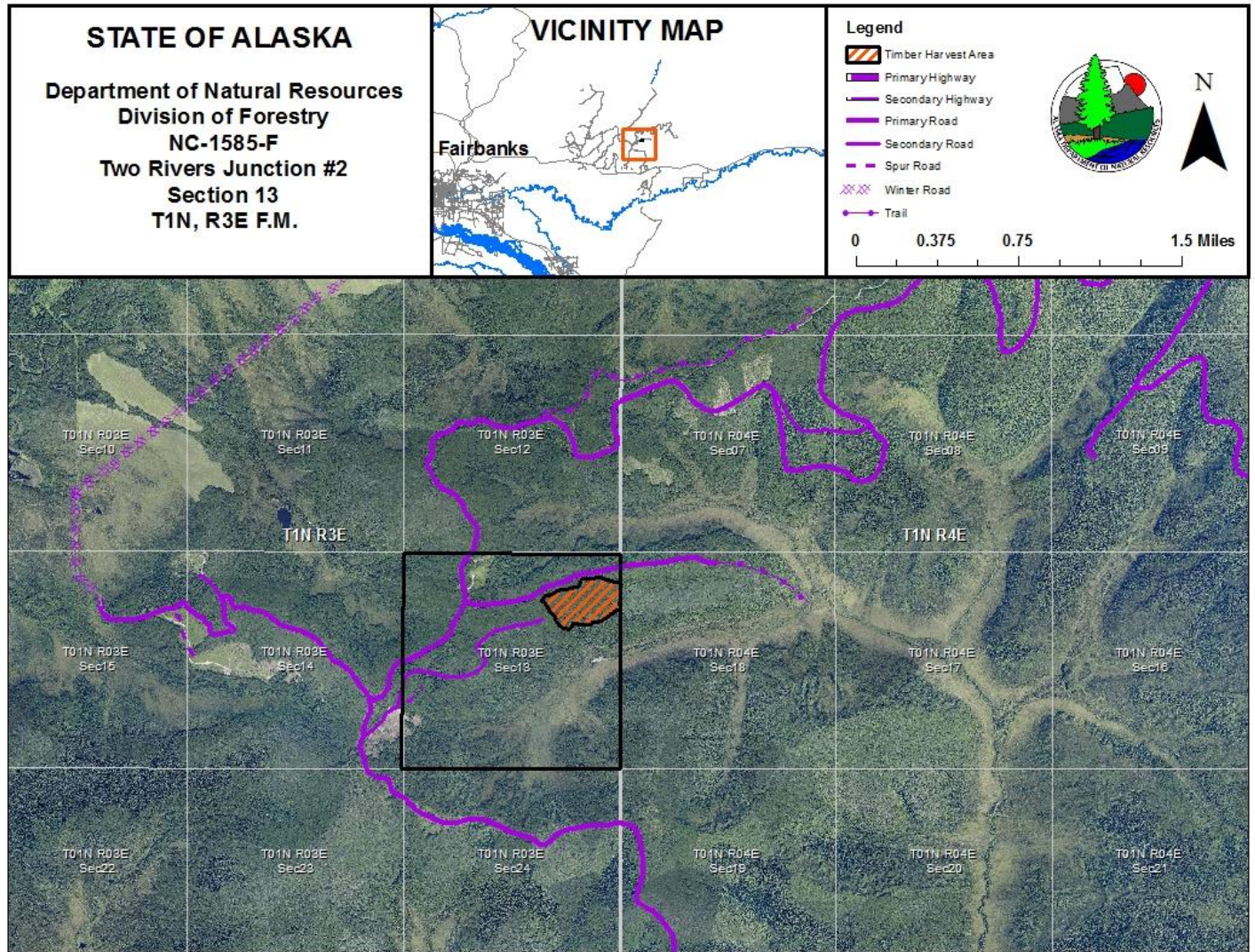
STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS  
WINTER 2016  
**AUCTION DATE: DECEMBER 9, 2016**

	PAGE
<b>NC-1585-F Two Rivers Junction #2 .....</b>	<b>2</b>
<b>NC-1626-F Win Lake Resale .....</b>	<b>3</b>
<b>NC-1627-F Seven Mile Island South Resale .....</b>	<b>5</b>
<b>NC-1628-F Ohio South Birch Resale .....</b>	<b>7</b>
<b>NC-1629-F Jenny M Hill Birch Resale .....</b>	<b>10</b>
<b>GENERAL SALE INFORMATION.....</b>	<b>11</b>

## NC-1585-F Two Rivers Junction #2

**NC-1585-F Two Rivers Junction #2:** a 36-acre sale of a single unit; is located approximately 18 miles east of Fairbanks. Scarification of the harvest unit will be required upon successful completion of the contract. The sale requires less than 0.1 miles of new road construction, and in addition, maintenance of Two Rivers Road will be at the PURCHASER'S expense. Maintenance may include grading and some road reconditioning depending on seasonal weather events. The sale is designated on the ground within Section 13, Township 1 North, Range 3 East, Fairbanks Meridian, Alaska.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	716 CCF	\$21.93/CCF	\$10,825.92	May 31, 2020

**NC-1585-F** is accessed from Fairbanks by driving east on the Chena Hot Springs Road to milepost 18. At this point the route continues north along Two Rivers Road. After driving approximately 4.9 miles north on the Two Rivers road turn east onto the secondary road. This sale will require less than 0.1 miles of new road construction. The sale is located on a gentle upper slope hillside with a south facing aspect. Pink timber harvest boundary flagging is used for boundary marking along with painted blue trees along the exterior unit boundaries. Bonding for the sale is **\$1000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge. In addition, a project bond of **\$500.00** will be required for the road construction.

NC-1585-F		Percent Defect = 15 %		Birch Fuelwood	
Standard Error of Cruise = 7.56 %				BAF = 20	
Average DBH in inches of these trees = 7.9					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
6	1,289.44	3.93	58.3	6.92	
7	2,436.03	6.27	175.97	20.89	
8	2,279.55	8.95	234.82	27.87	
9	1,473.65	11.48	194.83	23.13	
10	397.89	15.38	70.47	8.36	
11	328.83	18.37	69.57	8.26	
12	46.05	23.65	12.54	1.49	
13	78.48	28.74	25.97	3.08	
Totals	8,329.92	8.78	842.47	100	

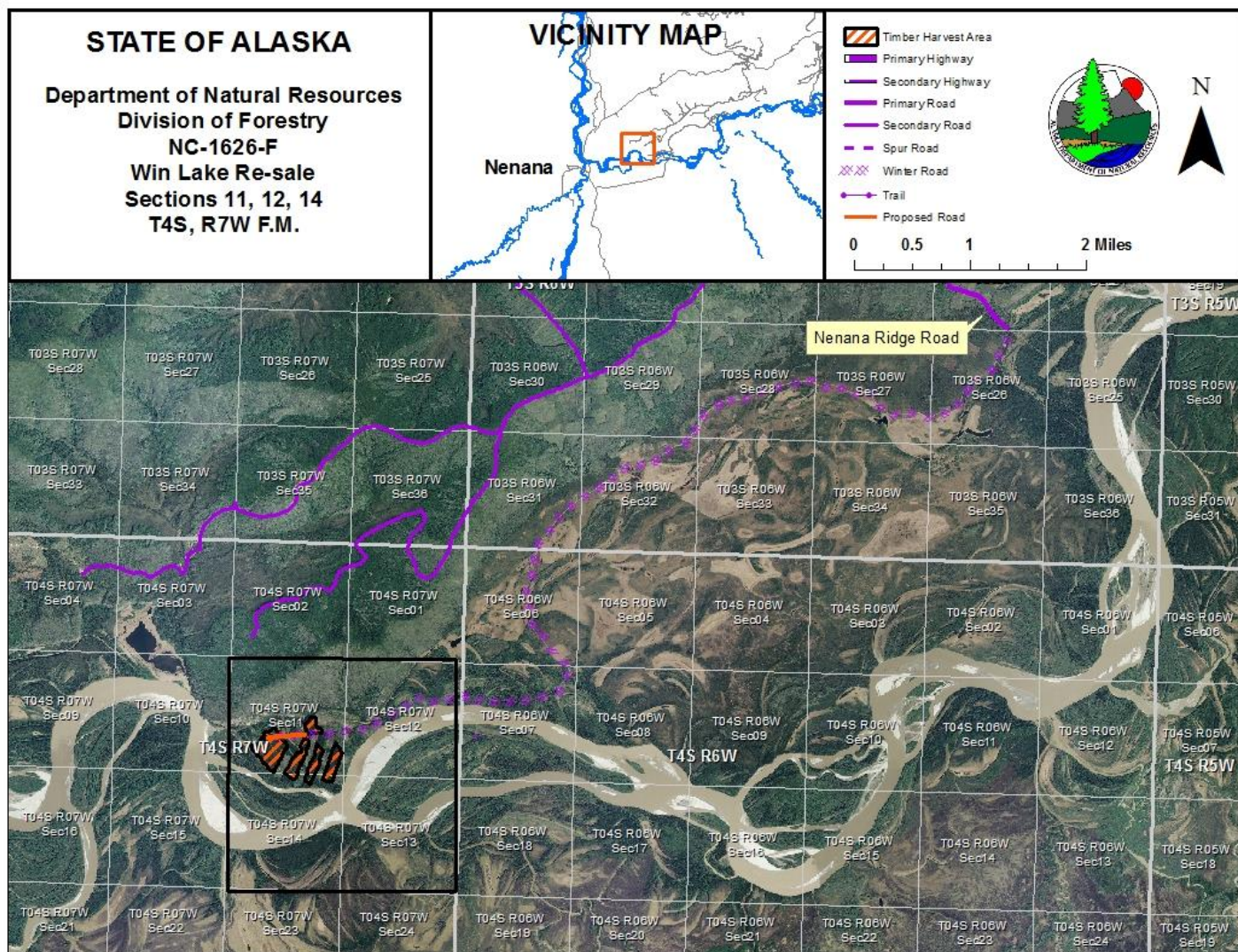
Avg. Vol./Tree

Table indicates gross volume (not net volume).

### NC-1626-F Win Lake Resale

**NC-1626-F, WIN LAKE RESALE:** a 93-acre sale of five units; is located approximately 43 miles southwest of Fairbanks and roughly 6 miles east of Nenana. The tract is accessed from Fairbanks by driving south on the Parks Highway to milepost 328. Turn south on Nenana Ridge road and drive to mile post 10.9 then travel 10.8 miles on the winter road to the start of the proposed winter road. The existing winter road was utilized in recent years and will mostly need plowing with minimal re-construction. Constructing 0.5 miles of new secondary winter road is required for this sale. The sale is designated on the ground within: sections 11, 12 and 14 Township 4 South Range 7 West, Fairbanks Meridian, Alaska.





SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1,876 CCF	\$28.03/CCF	\$52,584.28	May 31, 2020

Short Log Volume in MBF = 769.16

**NC-1340-F** The site is generally flat and within the floodplain of the Tanana River. The stand is mostly spruce with some small pockets of birch. spruce occupies approximately 90% of the site This sale encompasses the leave strips of timber sale NC-704. The timber is good quality well stocked spruce sawtimber, but there is some blowdown in the stand. The PURCHASER will remove all spruce 9 inches and greater. Bonding for the sale is **\$5,300**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1626-F		Percent Defect = 20 %		Spruce Sawlog	
Standard Error of Cruise = 3.37 %				BAF = 20	
Average DBH in inches of these trees = 11.8					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9	2,075.53	9.07	137	5.84	
10	3,554.50	12.6	325.88	13.9	
11	2,699.42	16.27	319.54	13.62	
12	2,134.83	20.79	322.91	13.77	
13	1,847.45	25.97	349.09	14.88	
14	1,372.39	30.25	302.03	12.88	
15	960.67	36.47	254.92	10.87	
16	394.03	42.63	122.21	5.21	
17	282.55	45.42	93.37	3.98	
18	192.73	53.85	75.51	3.22	
19	39.92	65.39	18.99	0.81	
20	24.02	65.07	11.37	0.48	
21	0	0	0	0	
22	9.92	80.51	5.81	0.25	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	6.59	139.5	6.69	0.29	
Totals	15594.55	20.67	2345.32	100	

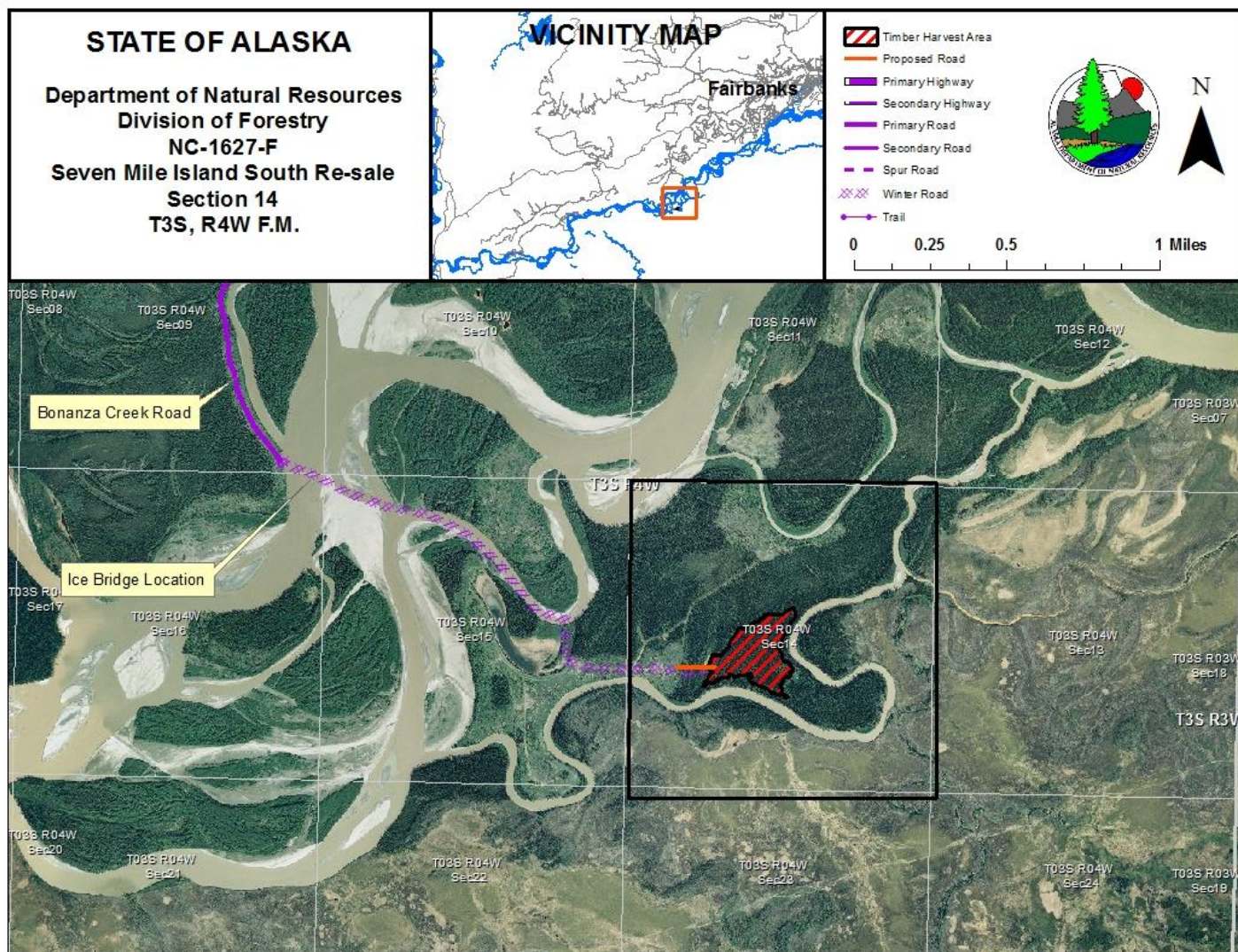
Avg. Vol./Tree

Table indicates gross volume (not net volume).

### NC-1627-F Seven Mile Island South Resale

**NC-1627-F, SEVEN MILE ISLAND SOUTH RESALE:** a 27.7-acre sale of one unit, is located at the end of Bonanza Creek Road and across the Tanana River to Seven Mile Island. At the end of Bonanza Creek road, the PURCHASER will construct an ice bridge across the Tanana; reopen 1.3 miles of existing winter road, and construct 0.2 miles of new winter road. The ice bridge crossing site has been used for past sales. The sale is designated on the ground within: Section 14, Township 3 South Range 4 West, Fairbanks Meridian, Alaska.





SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	842 CCF	\$22.36/CCF	\$18,827.12	May 31, 2020

**Short log Volume in MBF estimated at = 345**

**NC-1280-F** The stand is a mixed spruce & birch stand on a flat floodplain site. The white spruce trees are medium to large trees that are about 150 years old. The trees are beginning to decline and some butt rot is evident in the stand. There are large trees in this unit suitable for houselogs. Bonding for the sale is **\$2,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$550.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

<b>NC-1627</b>		Percent Defect = 10 %		Spruce Sawlog	
Standard Error of Cruise = 5.4 %				BAF = 20	
Average DBH in inches of these trees = 12.05					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9	352.77	14.07	52.1	5.57	
10	693.94	17.21	125.33	13.4	
11	438.56	21.95	101.03	10.8	
12	425.21	27.15	121.18	12.96	
13	579.69	30.85	187.7	20.07	
14	229.09	36.6	88	9.41	
15	127	44.69	59.58	6.37	
16	111.62	49.6	58.11	6.21	
17	127.12	59.43	79.29	8.48	
18	37.8	64.67	25.66	2.74	
19	22.62	76.81	18.23	1.95	
20	20.41	89.02	19.07	2.04	
Totals	3,166	28.15	935.28	100	

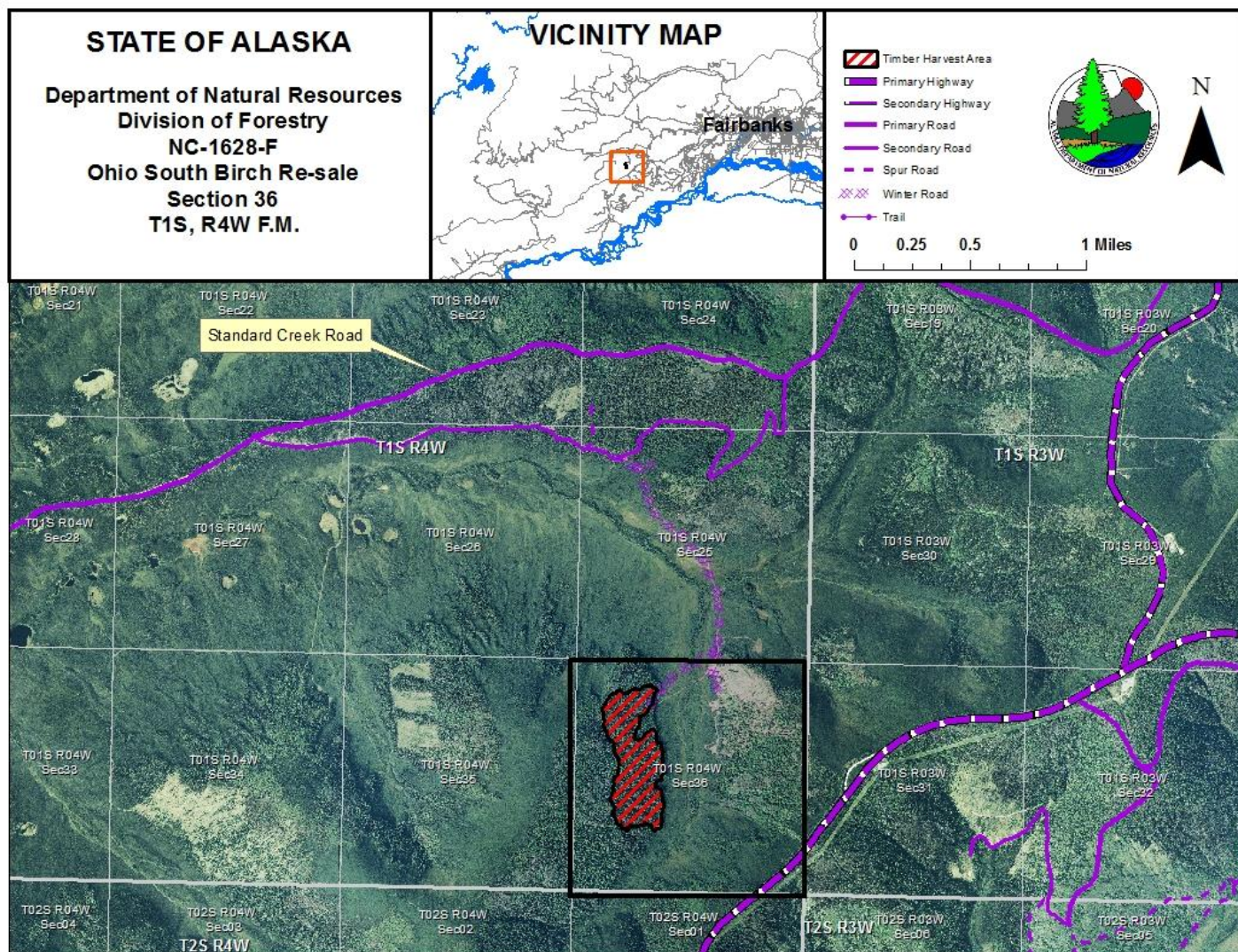
ave vol/tree

Table indicates gross volume (not net volume).

## NC-1628-F Ohio South Birch Resale

**NC-1628-F, OHIO SOUTH BIRCH RESALE:** a 73 acre of one unit, is located approximately 16 miles southwest of Fairbanks, north of the Parks Highway. It is off the Old Nenana Highway and down Standard Creek Road to approximately 5 mile. From here it is then off the Fitzsimons Loop Road back a couple of miles to the start of an existing winter road. The winter road extends approximately 1.5 miles to the northeast edge of the sale. The sale is designated on the ground within: Section 36, Township 1 South Range 4 West, Fairbanks Meridian, Alaska.





SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	592 CCF	\$21.93/CCF	\$12,982.56	May 31, 2020
Aspen Fuelwood (Optional)	202 CCF	\$10.00/CCF	<u>\$2,020.00</u>	
			\$15,002.56	

**NC-1628-F** is a mixed spruce/hardwood stand on an east-facing moderately sloping hill above a tributary to Ohio Creek. Slopes average about 30% and the terrain is fairly consistent with few hogbacks. The trees are medium to large trees for the most part. Some of the hardwoods would be suitable for saw logs. The PURCHASER will remove all birch trees 7 inches and greater and optionally, all aspen trees 7 inches and greater. Bonding for the sale is **\$1,600.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



<b>NC-1628</b>		Percent Defect = 15 %		Birch Fuelwood	
Standard Error of Cruise = 8.7 %				BAF = 20	
Average DBH in inches of these trees = 11.47					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
7	353.08	5.02	19.24	2.76	
8	675.83	6.61	48.55	6.97	
9	320.39	10.56	36.74	5.28	
10	173.01	10.19	19.15	2.75	
11	571.94	13.94	86.61	12.44	
12	540.66	17.23	101.16	14.53	
13	358.31	15.91	61.92	8.89	
14	264.81	21.46	61.73	8.86	
15	384.47	25.2	105.2	15.11	
16	101.37	30.7	33.8	4.85	
17	149.66	35.82	58.21	8.36	
18	53.4	37.96	22.02	3.16	
19	47.93	39.37	20.49	2.94	
20	43.25	45.86	21.54	3.09	
Totals	4038.11	15.88	696.36	100	

ave vol/tree

Table indicates gross volume (not net volume).

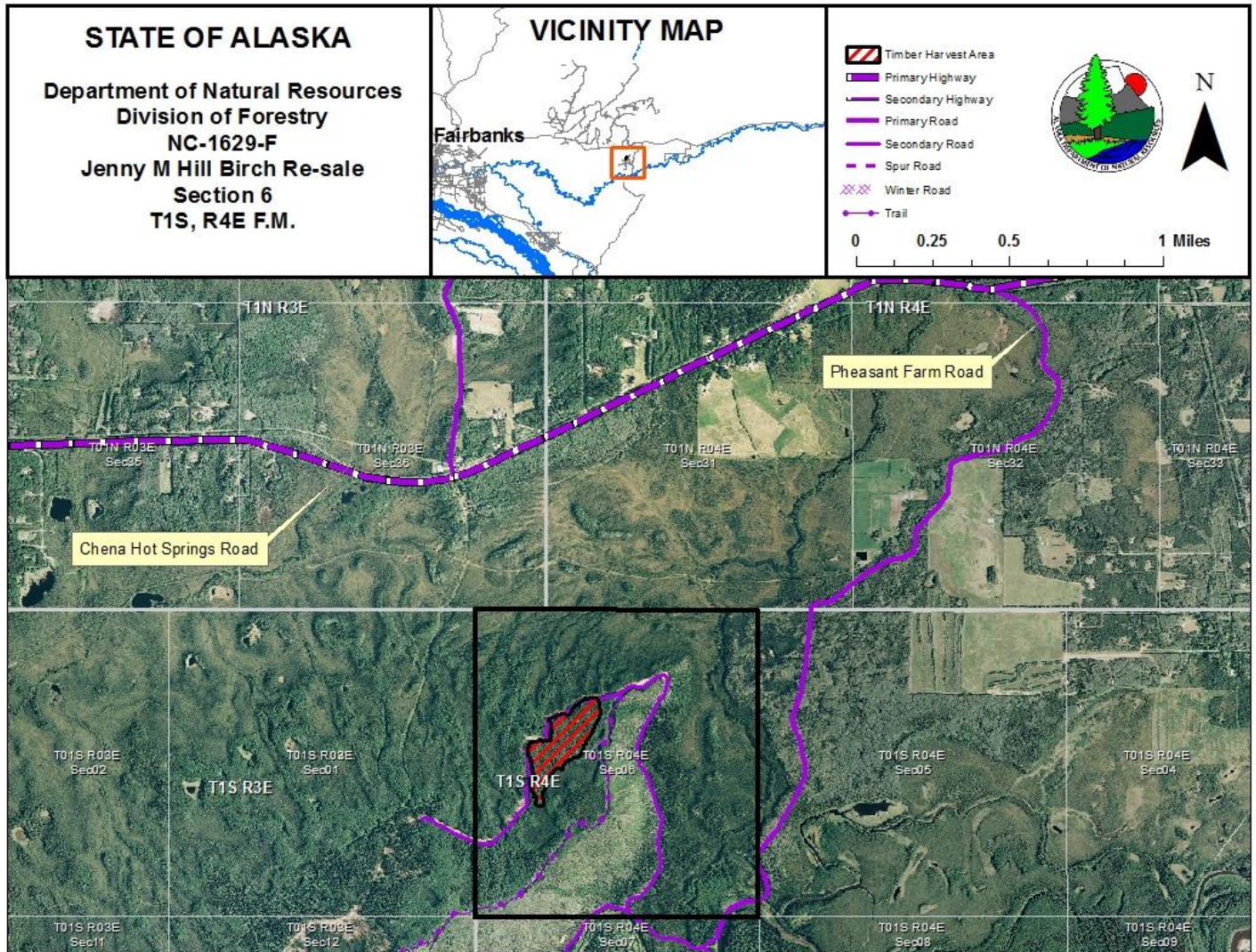
<b>NC-1628</b>		Percent Defect = 15 %		Aspen Fuelwood	
Standard Error of Cruise = 25.5 %				BAF = 20	
Average DBH in inches of these trees = 10.54					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
7	176.54	6.8	12.43	5.23	
8	0	0	0	0	
9	427.19	11.6	51.31	21.58	
10	173.01	14.45	25.89	10.89	
11	142.98	16.11	23.86	10.04	
12	180.22	20.46	38.19	16.06	
13	51.19	22.72	12.05	5.07	
14	44.14	36.08	16.49	6.94	
15	38.45	35.97	14.32	6.02	
16	0	0	0	0	
17	29.93	39.25	12.17	5.12	
18	0	0	0	0	
19	23.96	62.49	15.51	6.52	
20	0	0	0	0	
21	19.62	76.46	15.53	6.53	
Totals	1303.23	17.56	237.75	100	

ave vol/tree

Table indicates gross volume (not net volume).

## NC-1629-F Jenny M Hill Birch Resale

**NC-1629-F, Jenny M Hill Birch Resale:** a 23-acre sale of one unit located 20 miles east of Fairbanks. Scarification of the harvest unit will be required upon successful completion of the contract. Maintenance of Pheasant Farm Road will be at the PURCHASER'S expense. Maintenance may include grading and some road reconditioning depending on seasonal weather events. The tract is accessed by driving east on Chena Hot Springs Road approximately 21.2 miles. At this point, turn south on the Pheasant Farm Road and continue approximately 2.8 miles to the Jenny M Creek bridge, continue heading west .25 miles and turn on the road to the north. Continue for approximately another mile and find the sale boundary. This sale is all season access utilizing existing subdivision and secondary all season forest roads. No new road construction is required. The sale is designated on the ground within: Section 6, Township 1 South Range 4 East, Fairbanks Meridian, Alaska.



SPECIES & PRODUCT	ESTIMATED		UNIT	APPRAISED	EXPIRATION
	NET VOLUME	PRICE		PRICE	DATE
Birch Fuelwood	409 CCF	\$14.29/CCF		\$5,844.61	May 31, 2020

**NC-1629-F:** The timber stand and harvest unit consist of mature pole class birch. This site is located north of the Chena River and west of Jenny M Creek. The sale is located on a northwest facing slope on Jenny M Hill with an elevation range of 800-950 ft. Slopes on that side of the hill are less than 17%. Bonding for the sale is **\$600.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge. A **\$350.00** project bond will also be required and will be returned upon successful completion of the scarification to the satisfaction of the Forester-in-Charge.



NC-1629-F Percent Defect = 15 % Standard Error of Cruise = 5.26 % Average DBH in inches of these trees = 8.54			Birch Fuelwood	BAF = 20
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	1,991.24	3.59	68.13	14.17
7	1,539.95	5.81	85.10	17.70
8	1179.03	8.53	95.74	19.91
9	745.26	11.70	82.99	17.26
10	490.47	14.50	67.71	14.08
11	311.81	16.99	50.42	10.48
12	78.60	24.90	18.63	3.87
13	44.65	28.74	12.22	2.54
Totals	6,381	7.92	480.92	100

ave vol/tree

Table indicates gross volume (not net volume).

## GENERAL SALE INFORMATION

### METHOD OF CRUISING:

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Hardwood fuelwood volumes were calculated to a 4-inch top utilizing U.S. Forest Service Research Note NOR-6, published May 6, 1964 by R.A. Gregory and P.M. Haack. White spruce sawlog volumes were calculated to a 6-inch top using volume tables created by Malone, T., et al. (2013). Western Journal of Applied Forestry 28(2): 71-77.

Cruise summaries are available upon request. The State of Alaska neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State of Alaska neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

### PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

### METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

### AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

### SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by oral outcry auction. Bids will only be accepted for one sale at a time, starting with the lowest NC number. The auction will be on December 9, 2016 at the DNR 3700 Airport Way, Fairbanks, Alaska 99709, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashiers check or any combination of these in favor of the Department of Natural Resources, equal to ten percent (10%) of the total appraised price. This deposit will constitute an opening bid at the appraised price. The PURCHASER may apply the bid deposit to the timber sale bond. If the high bidder fails to execute the contract within the allotted 30 days, the bid deposit will revert to the State of Alaska. There will be a short break between each timber sale to accept bid deposits for the next

upcoming sale. **BID DEPOSITS WILL NOT BE ACCEPTED FOR MORE THAN ONE SALE AT A TIME.**

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State of Alaska for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the State of Alaska, be available over the counter.

**RESERVATIONS:**

The State of Alaska reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State of Alaska reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State of Alaska also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State of Alaska.

**GENERAL:**

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Kevin Meany at 907-451-2602.